

## **COMMUNICATION MANAGEMENT SYSTEM WITH LINE STATUS NOTIFICATION FOR KEY SWITCH EMULATION**

### **Abstract**

5           A real time communication device is provided for operation with a packet  
switched network interconnecting the real time communication device with a control  
unit and at least one other real time communication devices. The device may  
comprise a network interface for communicating over the packet switched local area  
network and means for establishing a logical channel over the packet switched  
10 network with an endpoint to support the exchange of real time streaming media with  
the endpoint during a media session. The endpoint may be an endpoint selected  
from the group of endpoints consisting of the control unit and the other real time  
communication devices. The device may further comprise means for providing a  
notice message to at least one subscription device. The subscription device may be  
15 selected from the group of subscription devices consisting of the control unit and a  
other real time communication devices. The notice message may indicating a  
change in state between a first state wherein the real time communication device is  
"off-hook" participating in a media session and a second state wherein the real time  
communication device is not participating in a media session.

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